ATTACHMENT A

T-684 P.89

APR-03-02 17:34

ASSIGNMENT

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	For valuable	consideration,	we,	Sherrol	н.	McDonoug	h
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	10-11	CA	•	PIAST	WIDDLE IN	TIAL LAST	***
ofSa	n Diego,	CA STATE	;	hereby assign	to	*******	
Gen=	Probelincoe	PORATED	******		1Delaw	are	

corbors	tion naving a p	lace of busines	is at	San Diego	C	alifornia	
							·-•
and its	successors ar	id assigns (co	llecti	vely hereinafu	er called "t	he Assignee"),
the enti	re right, title	and interest t	hrou	shout the wo	rld in the i	nventions an	đ
improve	ments which s	FA 1ha subject	- 6 -		U.S. S	erial No.	07/925,405
filed		ere anolect	ot a	n application	Cor Africa	KX XX XX XX	X.,,,,,,,
improvements which are the subject of an application for Vintex Enter Parks 1992,405 filed on August 4, 1992 NUCLEIC ACID SEQUENCE AMPLIFICATION							
AMBIEN XX	<i>XXXXXXXXXXXX</i>	intitled		ACID SEQU	ENCE AMPI	LIFICATION	
					***************		••

this assignment including said application and any and all the United States and foreign patents granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at .. San Diego......

TREAL H. MCDONOUGH STATE OF ... California SHERK COUNTY OF .. San .. Diego

Before me this ...26... day of ... Fabruary...., 19.93, personally appeared ...Shazrol. H... McDanough known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the

same as his free act and deed for the purposes therein contained. SUZANNE M. HEFLIN COMM. #974890 NOTATY PUBLIC CALIFORNA SAN DIESO COUNTY MY COMMISSION EXPIRES OCTOBER 4, 1996

Sugare M. Heflin Notary Public

My Commission Expires: October 4, 1996

	•
IN WITNESS WHEREOF, I hereto set r	ny hand and se latSanDiego,
California this26 day	of _February, 1993
	Vanil L Lacian LS.
D. Colifornia	ANIEL I. KACIAN
STATE OF California	; gg
COUNTY OF San Diego	'
Before me this 26 day of	February, 19.93, personally appeared
subscribed to the foregoing Assign	known to me to be the person whose name is ment and acknowledged that he executed the purposes therein contained.
SUZANNE M. HEFLIN COMM. #974890 NOTATY PUBLIC CALFORNIA OF THE PUBLIC CALFORNI	Suzane M. Diefle 1 Notary Public
MY COMMISSION EXPIRES OCTOBER 4, 1996	My Commission Expires:
[Notary's Seal Here]	October 4, 1996
•	
IN WITNESS WHEREOF, I hereto set i	ny hand and seal atSanDiego,
California this26 day	
Ko	PREST MEDDLE INTIAL LIST
STATE OF California NA	NIBHUSHAN DATTAGUPTA
County of San Diego	; 85.
	f February, 19.93, personally appeared
	. known to me to be the person whose name is
subscribed to the foregoing Assign	nment and acknowledged that he executed the
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SUZANNE M. HEFLIN COMM. #974890 NOTATY PUBLIC CALFORNA SAN DIEGO COUNTY MY COMMISSION EXPIRES OCTOBER 4, 1998	Sugare M. Heflin Notary Public
MY COMMISSION EXPIRES — OCTOBER 4, 1998	My Commission Expires:
[Notary's Seal Here]	October 4, 1996
-	
	my hand and scal atSan.Diego,
.California this .26 day	of February, 1993.
St.	FREST MIDDLE INTIAL LAST L.S.
STATE OF California DI	ANE L. MCALLISTER
County of San. Diego	\$ 55.
Before me this26 day of	f Eabauary, 19.93, personally appeared
	known to me to be the person whose name is
subscribed to the foregoing Assign	nment and acknowledged that he executed the
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COMM. #974890 COMM. #974890 COMM	Suzano M. Helling Notary Public
SAN DIEGO COUNTY MY COMMISSION EXPIRES	•
OCTOBER 4, 1996	My Commission Expires: October 4, 1996
Seal Here]	

T-684 P.99

IN WITNESS WHEREOF, I hereto set my h	and and seal atSan.Diego,
California this 26 day of	
	LS.
STATE OF California PHII	
	: ss
COUNTY OF San Diego	.:
	eruary, 19.93, personally appeared
.Philip.W. Hammond kn subscribed to the foregoing Assignment same as his free act and deed for the pu	own to me to be the person whose name is t and acknowledged that he executed the rposes therein contained.
SUZANNE M. HEFLIN COMM. #974890 NOTARY PUBLIC CALIFORNA SAN DIEGO COUNTY O	Sugare M. Heffin Notary Publik
SAN DIEGO COLINTY MY COMMISSION EXPIRES OCTOBER 4, 1996	My Commission Expires:
Seal Here]	October 4, 1996
Jem 11019	
IN WITNESS WHEREOF, I hereto set my h	and and scal atSan.Diego,
California this 26 day of A	February 19,93
Fh.	mas 3 fre Ls
STATE OF CALIFORNIA THOMA	FIRST MIDDLE INITIAL LAST
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County of San Diego	.:
Before me this25 day of	Eabxuary, 1993 personally appeared
Thomas. B Ryder	own to me to be the person whose name is it and acknowledged that he executed the rooses therein contained.
SUZANNE M. HEFLIN	
COMM. #974890 O NOTATY PUBLIC CALIFORNIA O SAN DIEGO COUNTY	Notary Publis
SAN DIEGO COUNTY MY COMMISSION EXPIRES OCTOBER 4, 1998	My Commission Expires:
(Notary's	October 4, 1996
Seal Here]	
IN WITNESS WHEREOF, I hereto set my h	and and seal at,
day of	19
_	PREST MIDDLE INSTIAL LAST
STATE OF	: 23
COUNTY OF	.:
	, 19, personally appeared
subscribed to the foregoing Assignmen same as his free act and deed for the put	own to me to be the person whose name is t and acknowledged that he executed the sposes therein contained.
	Notary Public
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[Notary's Seal Here]	My Commission Expires:
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RECORDED

PATENT AND TRADEMARK

OFFICE

OCT 14 1992

F-485

Docket No. GP034-03.DV1

ASSIGNMENT

which are hereby acknowledged, I, Yeasing Y. Yang of 13569 Glencliff Way, San Diego, California 92130 (hereinafter "ASSIGNOR"), do hereby sell, assign and transfer unto Gen-Probe Incorporated, a corporation duly organized and existing under the laws of the State of Delaware and having its principal office and place of business at 10210 Genetic Center Drive, San Diego, California 92121, and its successors, assigns and legal representatives (hereinafter collectively "ASSIGNEE"), the entire right, title and interest throughout the world in and to those inventions and improvements which are the subject of an application for Letters Patent of the United States entitled "NUCLEIC ACID SEQUENCE AMPLIFICATION" and filed on June 6, 1995 (hereinafter "the application"), and to said application and any and all regular, continuation, divisional, continuation-in-part, reissue and substitute applications thereof, and all rights of priority under International Conventions and applications for Letters Patent filed for said inventions and improvements in any country or countries foreign to the United States, together with all Letters Patent issuing on any of the aforesaid applications for Letters Patent and all extensions and renewals thereof.

AND ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to make applications in all countries in the names of the ASSIGNOR or in the name of the ASSIGNEE for Letters Patent and like rights of exclusion and for inventor's certificates for said inventions and improvements.

AND ASSIGNOR HEREBY COVENANTS AND AGREES to communicate to ASSIGNEE all facts known to ASSIGNOR concerning said inventions and improvements, and to testify in any legal proceeding, sign all lawful papers, execute all continuation, division, continuation-in-part and reissue applications, make all rightful oaths, and to perform any other reasonable and lawful act to assist ASSIGNEE in obtaining full protection and title in and to said inventions and improvements in all countries.

AND ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner for Patents to issue all Letters Patent of the United States for said inventions and improvements to ASSIGNEE in accordance with the terms of this instrument.

ASSIGNMENT

Docket No. GP034-03.DV1

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, California, this 24th day of _______, 2002.

By: <u>bears</u> barg Yeasing Y. Yang

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:) Group Art Unit: 1631
McDONOUGH et al.) Examiner: Marschel, A.
Serial No. 08/480,472) Atty. Docket No. GP034-03.DV
Filed: June 6, 1995) VIA FACSIMILE
For: NUCLEIC ACID SEQUENCE AMPLIFICATION	,))

STATEMENT PURSUANT TO 37 C.F.R. § 1.48(a)(2)

Box AF Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with the provisions set forth in 37 C.F.R. § 1.48(a)(2), I hereby state that the error in inventorship in the above-captioned application was inadvertent and occurred without any deceptive intention on my part.

Respectfully submitted,

Date: 3-24-02 By: bear bang
Yeasing Y. Yang

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FROM-GEN-PROBE EXECUTIVE OFFICE

In re Patent Application of:) Group Art Unit: 1631
McDONOUGH et al.	Examiner: Marschel, A.
Serial No. 08/480,472) Atty. Docket No. GP034-03.DV
Filed: June 6, 1995) VIA FACSIMILE
For: NUCLEIC ACID SEQUENCE AMPLIFICATION)

CONSENT OF ASSIGNEE PURSUANT TO 37 C.F.R. § 1.48(a)(5)

Box AF Commissioner for Patents Washington, D.C. 20231

Sir:

I, on behalf of Gen-Probe Incorporated, the sole owner of the above-captioned application, hereby consent to the Request to Correct the Inventorship filed herewith, requesting that the instant application be amended to further include Yeasing Y. Yang as a joint inventor of the claimed invention. I hereby state that I am an officer of Gen-Probe Incorporated having authority to act on behalf of company.

Respectfully submitted,

Date: 4/3/02 By:

Peter R. Shearer

Vice President, Intellectual Property

GEN-PROBE INCORPORATED

Patent Department

10210 Genetic Center Drive

San Diego, California 92121

PH: 858-410-8920 / FAX: 858-410-8189

COMBINED DECLARATION AND POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

FOR UTILITY/DESIGN/CIP/PCT NATIONAL/PLANT/ORIGINAL/ SUBSTITUTE/SUPPLEMENTAL DECLARATIONS

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "NUCLEIC ACID SEQUENCE

AMPLIFIC	AHON"					
the specifi	cation of which	1				
[] is attacl	ned hereto.					
[x] was 1	iled on <u>June</u>	6, 1995 as U.S.	Application Serial f	No. <u>08/480,472</u>		
[] was file	d as PCT Inter	national Applicatio	n No. PCT/	on		
and (if app	olicable to U.S.	or PCT application	n) was amended on _	• •••		
including t information priority believe and assignee of	he claims, as an known to menefits under 35 have also ider disclosing the s	imended by any an to be material to p U.S.C. § 119/365 htified below any for subject matter claim	nendment referred to patentability as define of any foreign applica reign application for p ned in this application	contents of the above in above. I acknowledge and in 37 C.F.R. § 1.56. Ition(s) for patent or investent or inventor's certifulated and having a filing data imed, before the filing of the state of the filing of the state of the	the dut I hereb entor's c icate file e (1) be	y to disclose a by claim foreig certificate liste ed by me or m efore that of th
PRIOR FO	REIGN APPL	ICATION(S)			Priorit	y Claimed
Number	Country	Filed dd/mm/yy	Date first Published	Date Patented/Granted	Yes	No

I hereby claim the benefit under 35 U.S.C. §119/120/365 of any United States application(s) listed below and PCT International applications listed above or below and, if this is a Continuation-In-Part (CIP) insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

PRIOR U.S. PROVISIONAL, NON-PROVISIONAL AND/OR PCT APPLICATION(S)				Priority Claimed	
08/345,861 Application Serial No.	<u>28/11/1994</u> Filed dd/mm/yyyy	Patented (5,766,849) Status - parented, pending, abandoned	X Yes	No	
07/925,405 Application Serial No.	04/08/1992 Filed dd/mm/yyyy	Abandoned Status - patented, pending, abandoned	<u>X</u> Yes	No	
07/855,732 Application Serial No.	19/03/1992 Filed dd/mm/yyyy	Patented (5,399,491) Status - patented, pending, abandoned	X_Yes	No	
07/550,837 Application Serial No.	10/07/1990 Filed dd/mm/yyyy	Patented (5,480,784) Status - patented, pending, abandoned	X Yes	No	
07/379.501 Application Serial No.	11/07/1989 Filed dd/mm/yyyy	Abandoned Status - patented, pending, abandoned	Yes	No	

POWER OF ATTORNEY

FROM-GEN-PROBE EXECUTIVE OFFICE

Atty. Docket No. GP034-03.DV1

F-485

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

I/we hereby appoint practitioners at Customer Number:

21365

as my/our attorneys and/or agents to prosecute this application and all c thereto, and to transact all business in the Patent and Trademark Office	connec	ted with such applications.
Full name of first inventor: Sherrol H. McDonough		
Inventor's signature Level H. M. Brange	Date _	3.28-02
Residence: 5005 Maynard Street, San Diego, CA 92122		
Citizenship: United States of America		
Post Office Address: 5005 Maynard Street, San Diego, CA 92122		
Full name of second inventor: <u>Daniel L. Kacian</u>		
Inventor's signature <u>Manuelle Sacions</u>	Date _	4-1-02
Residence: 3911 Tambor Road, San Diego, CA 92124		
Citizenship: United States of America		
Post Office Address: 3911 Tambor Road, San Diego, CA 92124		-···-

COMBINED DECLARATION AND POWER OF ATTORNEY

Atty.	Docket	No.	GP034-	03.D	۷
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T-684 P.99

Inventor's signature Nauthern Cattagraph	Date Marh 26, 2002
Residence: 4221 Kerwood Court, San Diego, CA 92130	
Citizenship: India	
Post Office Address: 4221 Kerwood Court, San Diego, CA 92130	
Full name of fourth inventor: Diane L. McAllister	
Inventor's signature	Date
Residence: 8664 Anrol Avenue, San Diego, CA 92123	
Citizenship: United States of America	
Post Office Address: 8664 Anrol Avenue, San Diego, CA 92123	
Full name of fifth inventor: Philip W. Hammond	
Inventor's signature	Date
Residence: 6 Hedgeway, Ayer, MA 01432	
Citizenship: United States of America	
Post Office Address: 6 Hedgeway, Aver, MA 01432	
Post Office Address: 6 Hedgeway, Aver, MA 01432	
Post Office Address: 6 Hedgeway, Aver, MA 01432 Full name of sixth inventor: Thomas B. Ryder	-
	-
Full name of sixth inventor: Thomas B. Ryder	
Full name of sixth inventor: Thomas B. Ryder Inventor's signature	Date
Full name of sixth inventor: Thomas B. Ryder Inventor's signature	Date
Full name of sixth inventor:	Date
Full name of sixth inventor: Thomas B. Ryder Inventor's signature	Date
Full name of sixth inventor:	Date
Full name of sixth inventor:	Date
Full name of sixth inventor:Thomas B. Ryder Inventor's signature Residence:100 Spring Street, Los Gatos, CA 95030 Citizenship:United States of America Post Office Address:100 Spring Street, Los Gatos, CA 95030 Full name of seventh inventor:Yeasing Y. Yang	Date
Full name of sixth inventor:	Date
Full name of sixth inventor:	Date
Full name of sixth inventor:	Date

COMBINED DECLARATION AND POWER OF ATTORNEY

Atty. Docket No. GP034-03.DV1

Full name of third inventor: Nanibhushan Dattagupta
Inventor's signature Date
Residence: 4221 Kerwood Court, San Diego, CA 92130
Citizenship: India
Post Office Address: 4221 Kerwood Court, San Diego, CA 92130
Full name of fourth inventor: Diane L. McAllister
Inventor's signature Durine I mallioter Date 3-26-02
Residence: 8664 Anrol Avenue, San Diego, CA 92123
Citizenship: United States of America
Post Office Address: 8664 Anrol Avenue, San Diego, CA 92123
Full name of fifth inventor: Philip W. Hammond
·
Inventor's signature Date
Residence: 6 Hedgeway, Ayer, MA 01432
Citizenship: United States of America
Post Office Address: 6 Hedgeway, Ayer, MA 01432
Full name of sixth inventor. Thomas B. Ryder
Inventor's signature Date
Residence: 100 Spring Street, Los Gatos, CA 95030
Citizenship: United States of America
Post Office Address: 100 Spring Street, Los Gatos, CA 95030
Full name of seventh inventor: Yeasing Y. Yang
Inventor's signature Date
Residence: 13569 Glencliff Way, San Diego, CA 92130
Citizenship: United States of America
Post Office Address: 13569 Glencliff Way, San Diego, CA 92130

COMBINED DECLARATION AND POWER OF ATTORNEY

Atty. Docket No. GP034-03.DV1

T-684 P.99

Full name of third inventor: Nanibhushan Dattaqupta	
Inventor's signature	Date
Residence: 4221 Kerwood Court, San Diego, CA 92130	
Citizenship: India	
Post Office Address: 4221 Kerwood Court, San Diego, CA 92130	
Full name of fourth inventor: Diane L McAllister	· · · · · · · · · · · · · · · · · · ·
Inventor's signature	Date
Residence: 8664 Anrol Avenue, San Diego, CA 92123	
Citizenship: United States of America	
Post Office Address: 8664 Anrol Avenue, San Diego, CA 92123	
Full name of tifth inventor: Philip W. Hammond	
Inventor's signature blilip L	Date 3/28/32
Residence: 6 Hedgeway, Ayer, MA 01432	
Citizenship: United States of America	
Post Office Address: 6 Hedgeway, Ayer, MA 01432	
Full name of sixth inventor: Thomas B. Ryder	
Inventor's signature	Date
Residence: 100 Spring Street, Los Gatos, CA 95030	
Citizenship: <u>United States of America</u>	•
Post Office Address: 100 Spring Street, Los Gatos, CA 95030	
•	
Full name of seventh inventor: Yeasing Y. Yang	
Inventor's signature	Date
Residence: 13569 Glencliff Way, San Diego, CA 92130	
Citizenship: United States of America	
Post Office Address: 13569 Glencliff Way, San Diego, CA 92130	

COMBINED DECLARATION AND **POWER OF ATTORNEY**

⊤ : ∵

Atty. Docket No. GP034-03.DV1

Full name of third inventor: Nanibhushan Dattagupta	
Inventor's signature	Date
Residence: 4221 Kerwood Court, San Diego, CA 92130	·
Citizenship: India	
Post Office Address: 4221 Kerwood Court, San Diego, CA 92130	
Full name of fourth inventor: Diane L McAllister	
Inventor's signature	Date
Residence: 8664 Anrol Avenue, San Diego, CA 92123	
Citizenship: United States of America	
Post Office Address: 8664 Anrol Avenue, San Diego, CA 92123	
Full name of fifth inventor: Philip W. Hammond	
Inventor's signature	Date
Residence: 6 Hedgeway, Ayer, MA 01432	
Citizenship: United States of America	
Post Office Address: 6 Hedgeway, Ayer, MA 01432	
Full name of sixth inventor: Thomas B. Ryder	
Inventor's signature Asmes Byd-	Date Mar 27, 2002
Residence: 100 Spring Street, Los Gatos, CA 95030	<u>'</u>
Citizenship: United States of America	
Post Office Address: 100 Spring Street, Los Gatos, CA 95030	
Full name of seventh inventor. Yeasing Y. Yang	
Inventor's signature	Date
Resid nce: 13569 Glencliff Way, San Diego, CA 92130	
Citizenship: United States of America	
Post Office Address: 13569 Glencliff Way, San Diego, CA 92130	

COMBINED DECLARATION AND **POWER OF ATTORNEY**

Atty. Docket No. GP034-03.DV1

Inventor's signature	Full name of third inventor: Nanibhushan Dattaqupta	
Residence: 4221 Kerwood Court, San Diego, CA 92130 Citizenship: India Post Office Address: 4221 Kerwood Court, San Diego, CA 92130 Full name of fourth inventor: Diane L. McAllister Inventor's signature Date Residence: 8664 Anrol Avenue, San Diego, CA 92123 Citizenship: United States of America Post Office Address: 8664 Anrol Avenue, San Diego, CA 92123 Full name of fifth inventor: Philip W. Hammond Inventor's signature Date Residence: 6 Hedgeway, Aver, MA 01432 Crizenship: United States of America Poet Office Address: 6 Hedgeway, Aver, MA 01432 Full name of sixth inventor: Thomas B. Ryder Inventor's signature Date Residence: 100 Spring Street, Los Gatos, CA 95030 Citizenship: United States of America Post Office Address: 100 Spring Street, Los Gatos, CA 95030 Full name of seventh inventor: Yeasing Y, Yang Inventor's signature Date 3 - 24 - 0 2 Residence: 13569 Glencliff Way, San Diego, CA 92130 Citizenship: United States of America Date 3 - 24 - 0 2 Residence: 13569 Glencliff Way, San Diego, CA 92130 Citizenship: United States of America		
Citizenship: India Post Office Address: 4221 Kerwood Court, San Diego, CA 92130 Full name of fourth inventor: Diane L. McAllister Inventor's signature Date Pasidence: 8664 Annol Avenue, San Diego, CA 92123 Citizenship: United States of America Post Office Address: 8664 Annol Avenue, San Diego, CA 92123 Full name of fifth inventor: Philip W. Hammond Inventor's signature Date Residence: 6 Hedgeway, Aver, MA 01432 Critzenship: United States of America Post Office Address: 6 Hedgeway, Aver, MA 01432 Full name of sixth inventor: Thomas B. Ryder Inventor's signature Date Residence: 100 Spring Street, Los Gatos, CA 95030 Citizenship: United States of America Post Office Address: 100 Spring Street, Los Gatos, CA 95030 Citizenship: United States of America Post Office Address: 100 Spring Street, Los Gatos, CA 95030 Full name of seventh inventor: Yeasing Y, Yang Inventor's signature Date 3 - 24 - 02 Residence: 13569 Glencliff Way, San Diego, CA 92130 Citizenship: United States of America	Inventor's signature	Date
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Full name of fourth inventor:	Citizenship: India	
Inventor's signature	Post Office Address: 4221 Kerwood Court, San Diego, CA 92130	
Inventor's signature		
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Post Office Address:8664 Anrol Avenue, San Diego, CA 92123 Full name of fifth inventor:Philip W. Hammond Inventor's signature		
Full name of fifth inventor: Philip W. Hammond Inventor's signature Date Residence: 6 Hedgeway, Aver, MA 01432 Citizenship: United States of America Post Office Address: 6 Hedgeway, Aver, MA 01432 Full name of sixth inventor: Thomas B. Ryder Inventor's signature Date Residence: 100 Spring Street, Los Gatos, CA 95030 Citizenship: United States of America Post Office Address: 100 Spring Street, Los Gatos, CA 95030 Full name of seventh inventor: Yeasing Y. Yang Inventor's signature Date 3-24-02 Residence: 13569 Giencliff Way, San Diego, CA 92130 Citizenship: United States of America	Citizenship: United States of America	
Inventor's signature	Post Office Address: 8664 Anrol Avenue, San Diego, CA 92123	
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Residence: 6 Hedgeway, Aver, MA 01432 Citizenship: United States of America Post Office Address: 6 Hedgeway, Aver, MA 01432 Full name of sixth inventor: Thomas B. Ryder Inventor's signature Date Residence: 100 Spring Street, Los Gatos, CA 95030 Citizenship: United States of America Post Office Address: 100 Spring Street, Los Gatos, CA 95030 Full name of seventh inventor: Yeasing Y. Yang Inventor's signature bear bang Date 3 - 24 - 02 Residence: 13569 Glencliff Way, San Diego, CA 92130 Citizenship: United States of America		
Citizenship: _United States of America Post Office Address: _6 Hedgeway, Ayer, MA 01432 Full name of sixth inventor: _Thomas B. Ryder Inventor's signature	Inventor's signature	Date
Full name of sixth inventor:Thomas B. Ryder Inventor's signature	Residence: 6 Hedgeway, Ayer, MA 01432	
Full name of sixth inventor:	Citizenship: United States of America	
Inventor's signature	Post Office Address: 6 Hedgeway, Ayer, MA 01432	
Inventor's signature		
Residence:	Full name of sixth inventor. Thomas B. Ryder	
Residence:		
Residence:	Inventor's signature	Date
Citizenship:United States of America Post Office Address:100 Spring Street, Los Gatos, CA 95030 Full name of seventh inventor:Yeasing Y, Yang Inventor's signature	-	
Full name of seventh inventor: Yeasing Y. Yang Inventor's signature bear bang Date 3-24-02 Residence: 13569 Glencliff Way, San Diego, CA 92130 Citizenship: United States of America	Citizenship: United States of America	
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Residence: 13569 Glencliff Way, San Diego, CA 92130 Citizenship: United States of America	Full name of seventh inventor: Yeasing Y. Yang	
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Residence: 13569 Glencliff Way, San Diego, CA 92130 Citizenship: United States of America	Inventor's signature bears bang	Date 3-24-02
Citizenship: United States of America	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
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	Post Office Address: 13569 Glencliff Way, San Diego, CA 92130	

F-485

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:) Group Art Unit: 1631
McDONOUGH et al.) Examiner: Marschel, A.
Serial No. 08/480,472	Atty. Docket No. GP034-03.DVI
Filed: June 6, 1995) VIA FACSIMILE
For: NUCLEIC ACID SEQUENCE AMPLIFICATION)

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION REVOCATION AND POWER OF ATTORNEY

Box AF Commissioner for Patents Washington, D.C. 20231

Sir:

The undersigned is empowered to act on behalf of Gen-Probe Incorporated, the assignee of the above-captioned application ("the Assignee"). The assignment of this application from the inventors to the Assignee is evidenced by the Assignments attached hereto. See Attachment A. These Assignments represent the entire chain of title of this application from the inventors to the Assignee. I have reviewed the attached Assignments and, to my knowledge and belief, the Assignee is the owner of the entire right, title and interest in the above-captioned application.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

REVOCATION AND POWER OF ATTORNEY

Serial No. 08/480,472 Atty. Docket No. GP034-03.DV1

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the practitioners at Customer Number:

PATENT TRADEMARK OFFICE

as its attorneys and/or agents with full power of substitution and revocation to prosecute this application and to transact all business in the United States Patent and Trademark Office connected herewith. This appointment also extends to any and all continuing applications claiming priority to the above-captioned application and is to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please direct all future communications relative to said application to the address associated with the above customer number.

Dated: April 2, 2002

By:

Peter R. Shearer

Vice President, Intellectual Property

Gen-Probe Incorporated 10210 Genetic Center Drive San Diego, California 92121 ATTACHMENT A

. A S	SIGNME	NT			
For valuable considerati	on, we, She	rrol	н.	McDonough	
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GEN-PROBEINCORPORATED	CA hereby	4331E11 (O		*************	•
corporation having a place of bus	San	Dieco	ne Tame 1	ce	•
					•
and its successors and assigns	(collectively he	ereinafter ça	lled "the	: Assignee")	•
the entire right, title and interes	t throughout	the world in	the inv	entions and	
improvements which are the subject of an application for Universities Parent Pa					
xxsuesixixxxxchisciscs, entitled	UCLEIC ACI	D SEQUENCE	AMPLI	FICATION	
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this assignment including said appropriate patents granted for any of	lication and a	ny and all th	he United	d States and	

anted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at ...San.Diego...... .California..... this ...26... day of .February....... 1993...

HEST MIDDLE INITIAL MCDONOUGH STATE OF ... CALLEGEDIA....... SHERRO

County of .. San .. Diego

FROM-GEN-PROBE EXECUTIVE OFFICE

Before me this ...26... day of ... February...., 19.93, personally appeared

...Sherrol...H...McDonough........ known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the as his free act and deed for the purposes therein contained.

SUZANNE M. HEFLIN
COMM. #974890
NOTAR PUBLIC CALIFORNA
BAN DIEGO COUNTY
MY COMMISSION EXPIRES
OCTOBER 4, 1996 Seal Here]

Sugare M. Heflin Notary Public

My Commission Expires: October 4, 1996

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IN WITNESS WHEREOF, I hereto set my	y hand and seal atSanDiego,
California this26 day of	February, 1993
Dai	VIEL LAST KACIAN
STATE OF	NIEL L. KACIAN
COUNTY OFSan Diego	:
Before me this 26 day of E	ebxuary, 19.93, personally appeared
subscribed to the foregoing Assignment as his free act and deed for the	
SUZANNE M. HEFLIN COMM. #974890 NOTATY PUBLIC CALIFORNIA SAN DIEGO COUNTY MY COMMISSION EXPIRES	Sugarne M. Hefer 1 Notary Public
OCTOBER 4, 1996	My Commission Expires:
[Notary 8 Seal Here]	October 4, 1996
IN WITNESS WHEREOF, I hereto set m	y hand and scal atSanDiego,
.California this26 day o	
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COUNTY OF SAD. Dieso	:
Before me this26 day of	February, 19.93, personally appeared
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SUZANNE M. HEFLIN COMM. #974890 NOTARY PUBLIC CALFORNIA	Suzane M. Hefin
SAN DIEGO COUNTY OF MY COMMISSION EXPIRES OCTOBER 4, 1996	My Commission Expires:
[Notary's	October 4, 1996
Seal Here]	,,
In WITNESS WHEREOF, I hereto set in	y hand and seal at, San. Diego,
.California this25 day of	
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STATE OF California DIA	NE L. MCALLISTER
County of San. Diego	
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COUNTY OF SAN Diego	:
Before me this25 day of Es	bruary, 19.93 personally appeared
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SUZANNE M. HEFLIN COMM. #974890 NOTARY PUBLIC ALL ORINA SAN DIEGO COUNTY	Sugare M. Heftin Notary Public
MY COMMISSION EXPIRES OCTOBER 4, 1996	My Commission Expires:
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In Witness Whereof, I hereto set my l	hand and seal atSan.Diago,
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County of San Diego	: xs.
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COMM. #974890 NOTARY PUBLIC CALIFORNA SAN DIEGO COUNTY	Sugare M. Haffin Notary Publis
MY COMMISSION EXPIRES OCTOBER 4, 1996	My Commission Expires:
[Notary's Seal Here]	October 4, 1996
IN WITNESS WHEREOF, I hereto set my i	nand and seal at,
this day of	, 19
**********	FIRST MIDDLE INITIAL LAST
STATE OF	
COUNTY OF	: ss. :
Before me this day of	, 19, personally appeared
subscribed to the foregoing Assignment same as his free act and deed for the pu	nown to me to be the person whose name is not and acknowledged that he executed the prosess therein contained.
•	Notary Public
[Notary's Seal Here]	My Commission Expires:

RECORDED PATEIT AND TRADENARK OFFICE OET 14 1572

F-485

Docket No. GP034-03.DV1

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency of which are hereby acknowledged, I, Yeasing Y. Yang of 13569 Glencliff Way, San Diego, California 92130 (hereinafter "ASSIGNOR"), do hereby sell, assign and transfer unto Gen-Probe Incorporated, a corporation duly organized and existing under the laws of the State of Delaware and having its principal office and place of business at 10210 Genetic Center Drive, San Diego, California 92121, and its successors, assigns and legal representatives (hereinafter collectively "ASSIGNEE"), the entire right, title and interest throughout the world in and to those inventions and improvements which are the subject of an application for Letters Patent of the United States entitled "NUCLEIC ACID SEQUENCE AMPLIFICATION" and filed on June 6, 1995 (hereinafter "the application"), and to said application and any and all regular, continuation, divisional, continuation-in-part, reissue and substitute applications thereof, and all rights of priority under International Conventions and applications for Letters Patent filed for said inventions and improvements in any country or countries foreign to the United States, together with all Letters Patent issuing on any of the aforesaid applications for Letters Patent and all extensions and renewals thereof.

AND ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to make applications in all countries in the names of the ASSIGNOR or in the name of the ASSIGNEE for Letters Patent and like rights of exclusion and for inventor's certificates for said inventions and improvements.

AND ASSIGNOR HEREBY COVENANTS AND AGREES to communicate to ASSIGNEE all facts known to ASSIGNOR concerning said inventions and improvements, and to testify in any legal proceeding, sign all lawful papers, execute all continuation, division, continuation-in-part and reissue applications, make all rightful oaths, and to perform any other reasonable and lawful act to assist ASSIGNEE in obtaining full protection and title in and to said inventions and improvements in all countries.

AND ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner for Patents to issue all Letters Patent of the United States for said inventions and improvements to ASSIGNEE in accordance with the terms of this instrument.

ASSIGNMENT

Docket No. GP034-03.DV1

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, California, this 24th day of March, 2002.